

KAMPALA PRIMARY SCHOOLS' SKYLINE ASSESSMENT

END OF 1ST (FIRST) TERM 2024

PRIMARY SIX (P.6)

MATHEMATICS

TIME ALLOWED: 2 HOURS 30 MINUTES

DATE: _____

NAME: _____

SCHOOL: _____

DO NOT OPEN THIS BOOK LET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

1. The paper is made of section A and B.
2. Section A has 20 short questions (40 marks).
3. Section B has 12 questions (60 marks).
4. Attempt **ALL** questions. All answers to both Section A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.

FOR OFFICIAL USE ONLY.

SECTION	EXRS. MARKS	T/L MARKS	OFFICE
A			
B			
TOTAL			

SECTION A

1. Subtract 29 from 53.

2. Work out: $2 + 40 \div 8 - 3$

3. What number has been expanded to give six hundred thousands + seven ten thousands + five thousands + eight hundreds + six tens + two ones? Write in figures.

4. There are 45 boys and 53 girls in a P.6 class. Write the total number of pupils in Roman numerals.

5. Find the LCM of 4, 6 and 8

6. Write the following numbers in ascending order:
514652, 514265, 514256, 514625, 514562

7. Complete the sequence:

4, 8, 16, 32, _____, _____

8. Express 235623 in words.

9. Kigozi left Kampala for Tororo at 2:30pm. and then arrived at Tororo at 6:10pm.
How long did he take on the way?

10. Draw the symbols for:

(a) Intersection set

(b) Null set

11. One of the complementary angles is 36° . What is the size of the second angle?	12. How many $\frac{3}{4}$ litres of milk are contained in 6 litres of milk?
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13. (a) The diameter of a circle is 14cm. What is its radius?

(b) Find the diameter of a circle whose radius is 6cm.


14. 40° , 70° and y are angles on a straight line. What is the value of y ?	15. What is the larger angle between South and East?
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16. Use am or pm to write the given time below in figures:
A plane left London at "A half past four" in the afternoon.

17. Write $8y + 4x - 6y + x$ in short.

18. Solve: $P^2 = 144$

19. With the help of a ruler, pencil and a protractor only, draw an angle of 120° .

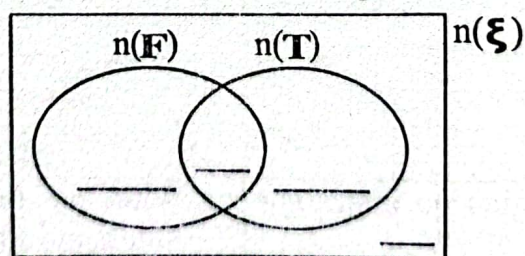
20. If  represents 50 balls. Draw diagrams to represent 300 balls.

SECTION B

21. In a club of twenty members, six members like Football only $n(F)$, four members like both games, n members like Tennis $n(T)$ but not football and three members like neither of the given games.

(a) Show the above information on the Venn diagram below.

(2 marks = $\frac{1}{2}$ mark each)



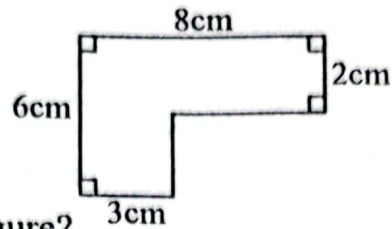
(b) Find the value of n .

(2 marks)

(c) How many members like only one club?

(2 marks)

22. Study the diagram below and use it to answer the following questions.



(a) What is the **area** of the figure?

(3 marks)

(b) Work out the perimeter of the figure.

(2 marks)

23. The sum of three consecutive natural numbers is 144.

(a) Find the numbers.

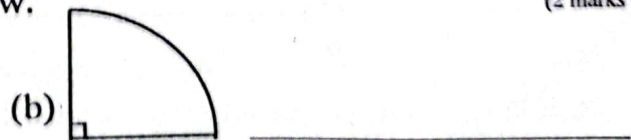
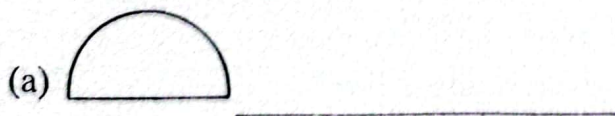
(3 marks)

(b) What is the median of the numbers?

(2 marks)

24. Name the following figures given below.

(2 marks each)



25. In a P.6 class of 90 pupils, $\frac{1}{2}$ of the pupils are 11 years old, $\frac{1}{3}$ of the pupils are 10 years old and the rest are 12 years old.

(a) How many pupils are 11 years old?

(2 marks)

(b) Find the number of children who are 12 years old.

(2 marks)

26. Given the digits 9, 6 and 8.

(a) Write all the three digit numbers using the above figures without repeating any digit. (3 marks)

(b) What is the largest formed number?

(1 mark)

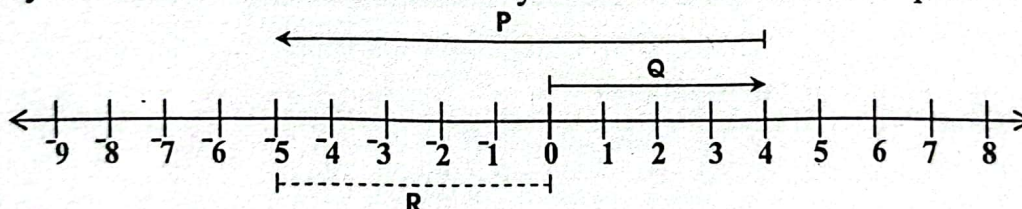
(c) Give the smallest formed number.

(1 mark)

(d) Find the range of the formed numbers.

(1 mark)

27. Study the number line below carefully and use it to answer the questions below.



(a) Write the values of:

(1 mark each)

P _____

Q _____

R _____

(b) What is the mathematical sentence for the given number line?

(2 marks)

28. (a) Lumansi travelled for $2\frac{1}{2}$ hours at a speed of 80Km per hour.
What distance did he cover?

(2 marks)

- (b) Mubiru covered a distance of 270Km using a speed of 60Km per hour.
How long did he take on the way?

(2 marks)

29. Mrs. Mukasa's family went to town with Shs.60,000/=. They bought the following:

(a) Complete the shopping bill.

(6 marks)

ITEM	QUANTITY	UNIT COST	AMOUNT
Blue Band	$\frac{1}{2}$ Kg	Shs.10,800/=	Shs._____
Bread	3 loaves	Shs._____	Shs.14,400/=
Tea Leaves	_____ Kg	Shs.10,000/=	Shs.2,500/=
Sugar	5 Kg	Shs.5,500/=	Shs._____
Salt	$\frac{1}{2}$ Kg	Shs._____	Shs.1,000/=
TOTAL			Shs._____

- (b) Calculate the family's change?

(1 mark)

30. Nabongo was given $\frac{3}{4}$ of a water melon and then decided to give a half of it to his sister Teddy.

- (a) What part of the water melon did Teddy get?

(2 marks)

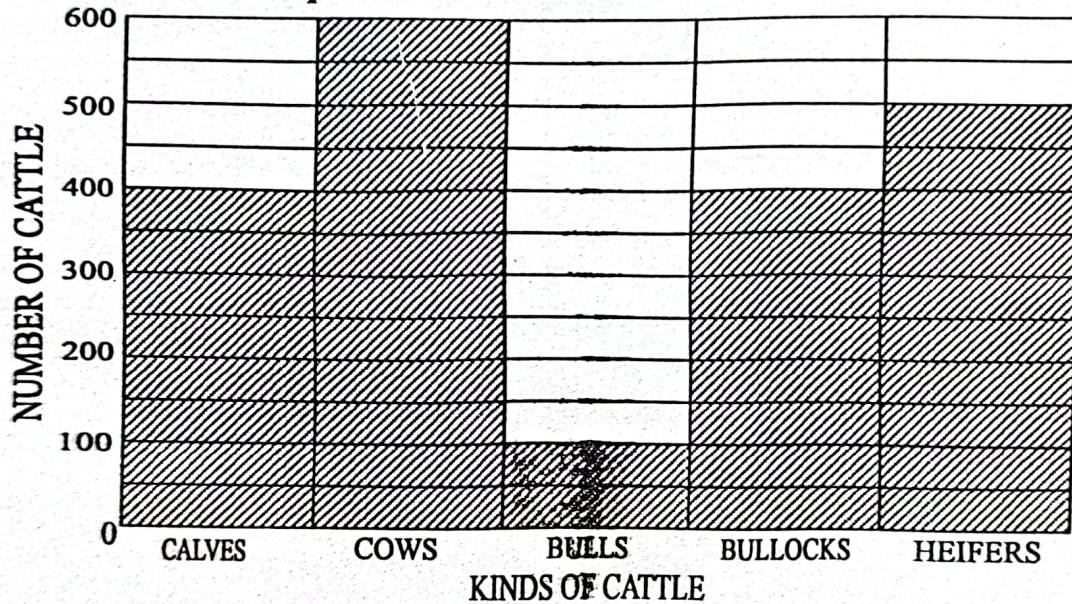
- (b) What fraction of water melon did Nabongo remain with?

(2 marks)

31. Gemima had 480 birds. She sold $\frac{3}{4}$ of the birds and gave out 40 birds to her family.
 (a) How many birds did she sell? (2 marks)

(b) Find the number of birds which remained on her farm. (2 marks)

32. The graph below shows the number of cattle found on Kongai farm.
 Use it to answer the questions that follow.



(a) How many bullocks are on her farm? (1 mark)

(b) How many more cows than bulls are on the farm? (2 marks)

(c) Find the average kinds of cattle found on Kongai farm. (2 marks)